

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [3947] 40 METER BEACON RESULTS
Message-ID: <9602061702.AA03269@gvlf6-a>

Thanks to all for your beacon reception reports. I am sorry that I was not able to post the beacon announcement earlier but I was not sure if I would be ready until the last minute. See below. Anyway....

The following stations successfully copied the beacon codeword:

Sunday Feb 4, 1996 0600-2100 UTC 7021 KHz

Dave	KF5IU	Jena, LA	200 mw	539	0858z
Gary	N5KDA	Natchez MS	200 mw	549	08??z ?
Paul	AA4XX	(Icy ?) NC	200 mw	569	1434z
			20 mw	339-349	1500-1530z
			2 mw	229	1900-1915z
Bill	N8ET	Findlay, OH	200 mw	579	1400-1500z
Ken	N1QQV	Madison CT	20 mw		1733z
Stan	N6ULU	? CA	200 mw		0842z
Harvey	N6MM	Altadena, CA	200 mw	s2-s6	0834-0853z
				no copy	0900-0939z
				copy w/QSB	0939-1010z
		"could hear from across the room"			1215z
		barely detectable			1350z
		gone			1400z

The plan was to test an automatic power level controller, however, the software to drive it took longer than expected and it was not ready in time so I ran the beacon anyway setting the power and changing the message manually at these times:

Sunday Feb 4 1 AM - 10 AM EST @ 200 mW
10 AM - 1 PM EST @ 20 mW
1 PM - 4 PM EST @ 2 mW

I hope to have the power sequencer running by next weekend and I can try

this again. The sequencer is capable of automatically cycling through up to 6 different power levels and send the power and a different codeword at each power level. It will be set up to cycle through all of the levels during each hour so everyone will get several shots at each power level through the day.

I will post an announcement of the details when I am ready to go... hopefully later this week. May run this beacon in conjunction with AA4XX -- if his antennas thaw out :-)

I also plan to try an 80 meter QRP beacon in the near future.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Greg Nunn <gnunn01@mail.coin.missouri.edu>
Subject: [3976] AA0XZ fox log Tuesday 2/6
Message-ID: <Pine.SOL.3.91.960206212529.19378B-100000@coinc0>

Hi again,

Not a great night to wear the fur coat. I snagged KK6MC on the first call, but the QSO's got further and further apart. The last hour and 15 minutes were dead.

Here's the log:

KHz	UTC	Call	Gave	Got	Notes
7041	0100	KK6MC/5	579	55N	QSB and QRM - missed his number
7041	0104	WB5QMP	549	57N	got his number
7041	0108	AB50U	589	579	got his too
7041	0110	K6VNX	549	449	got most of the QRP-L number
7041	0121	WB5FKC	589	55N	Chris in El Paso, nice signal
7043	0133	W6ZH	549	54N	Got Pete's number in spite of QSB
7043	0136	NQ7X	559	44N	Floyd in Phoenix - band was dying
7043	0140	AA7QU	559	44N	got this number
7043	0144	N6ULU	229	229	got his number, but he was down in the mud

That was it. Thanks to all who worked the fox this evening, and to all who tried. This fox hunt stuff is great fun. Please email me any corrections.

Good luck & 73,
Greg AA0XZ

Greg Nunn
1701 Halsted Ct.
Columbia, Mo 65203
gnunn01@mail.coin.missouri.edu

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Bob_Tellefsen-CNSE97@email.mot.com
Subject: [3957] Ant relay control
Message-ID: <M672408.001.d8z50.1.960206180640Z.CC-MAIL*/OU=LMPCC10/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

A while back I asked for recommendations on an rf-controlled ant changeover relay for an in-line receiving preamp. Got a number of responses, for which many thanks.

After pondering them all, I'm going to try keying the relay right from my key line, to give it the fastest possible pull in. Question now is, how can I keep the fastest possible pull in, while allowing some hang time so the transmitter shuts off before the relay relaxes?

Any suggestions will be appreciated.
72, BobT N6WG QRP-L #27 NORCAL #813 ARCI #5210

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: WJ4PRandy@aol.com
Subject: [3963] Collins Mech Filter
Message-ID: <960206143634_215554472@emout05.mail.aol.com>

Hi folks,

Some time ago someone listed a bunch of parts for sale that included a Collins Mechanical Filter or two.

I need a 455khz with 2.8kHz bandwidth.

I accidentally erased the original message from my database. I hope the guy that listed the stuff reads this or if someone knows who did?....

Thanks, Randy WJ4P

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [3933] Current KH9 dxpedition
Message-ID: <9602061225.AA26310@wizard.ucs.sfu.ca>

Has anyone on the list worked the current KH9 effort running qrp?
If so, I'd be interested in knowing when and where. The best signals
I've heard so far have been on 40 meters when unfortunately he was
only working Europeans.

cheers, Paul
ve7cqk
email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [3972] Explorer II hearing problem
Message-ID: <199602070223.UAA15555@sparc.isl.net>

Well, I got some good suggestions and I'm concentrating on tuning C20 and
C27 to increase the RF gain. I'm sure the AF section is OK. By touching
components after the xtal filter, I get a quite loud mixture of some
(probably) AM broadcast signals. I hear a slight amount of noise if I touch
components before the filter.

I connected my 100KHz crystal calibrator and tuned C20 to it. C27 seems to
have very little effect on the level of the signal. Should it have more?
C20, though, is fairly touchy. I think this all would be a bit simpler if
there were more signals on 30m. Sometimes I have trouble finding one signal
on my IC-730! I was able to hear a digital signal today which was QSBing up
to S9 on the Icom.

So, I'll keep at it for a while.

72/73.
Tony Drumm
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: femens@iquest.com
Subject: [3953] Format of archive files
Message-ID: <199602061725.LAA04652@vespucci.iquest.com>

I just used ftp to grab some files from ftp.lehigh.edu and now I need to know what format they're in. They sure aren't text files and pkunzip will have nothing to do with them. What do I need to do? I'm supposed to do a program Next Tuesday to a local DX club and I need some source material.

Frank Emens, Huntsville Alabama "femens@iquest.com"
"Things are more like they are now than they have ever been before."

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [3942] FOX SCHEDULE - Wednesday Feb 14
Message-ID: <9602061543.AA02967@gvlf6-a>

My second turn at being the FOX.

Wednesday Feb 14 EST		Thursday Feb 15 UTC	
8:00 - 8:10 PM	----- 7110 Khz -----	0100 - 0110z	
8:10 - 10:00 PM	----- 7040 Khz -----	0110 - 0300z	

I will stay on 7110 as long as it remains productive. I may also return to 7110 later if activity on 7040 dies out.

All frequencies are +/- QRM

PLEASE NOTE: This is a different day and time than what was posted in the original FOXhunt schedules.

Also...

Following the regular 40 meter FOXhunt at 10:00 PM EST (0300 UTC), I plan to look for callers on 80 meters (3560 +/-). I will call "CQ QRP FOX" but this will not be counted as part of the regular FOXhunt program. I will also try to check 3579 at least once .. depending on how activity goes.

My new OHR400 is about 3/4 complete (all of the boards are done). With a little luck, I hope to have it going in time for the FOXhunt.

RIG : Heath SB-401 @ 5 watts & Drake 2B/2BQ (or OHR 400)
ANTENNA : 40 inv-vee @ 50' 80 inv-vee @ 65'

Pete Rossi - WA3NNA
rossi@vfl.paramax.com

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Greg Nunn <gnunn01@mail.coin.missouri.edu>
Subject: [3966] Fox sked for Tuesday 2/6 (repost)
Message-ID: <Pine.SOL.3.91.960206160908.29461A-100000@coinc0>

Here is a repost of the fox schedule for tonight.

A few folks have written me about the exchange. I will send the RST and my QRP-L number. You can send RST and whatever you like. I would like to start collecting QRP-L numbers, but if you don't have one or can't remember it it's no problem. Send your name, or state or whatever instead.

Thanks and Happy Hunting!
Greg AA0XZ

Greg Nunn
1701 Halsted Ct.
Columbia, Mo 65203
gnunn01@mail.coin.missouri.edu

----- Reposted message -----
From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Larry East <LVE1@inel.gov>
Subject: [3965] Fox tonight?
Message-ID: <9602062054.AA11879@garnet.inel.gov>

I don't recall seeing a Fox schedule posting for tonight -- is there one?

Please respond direct before 1700 MST (that's 7PM EST...) as I just receive daily digests.

72, Larry W1HUE/7
LVE1@inel.gov

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996

From: dx@sun.tir.com (Tim, WB8OGM)
Subject: [3971] FS: Gel Cells and nicad batteries UPDATE
Message-ID: <311836c7.3440556@news.tir.com>

Updated list as of 2-6-96.

PLEASE NOTE the addition of the 6 volt nicads

12 volt gel cell batteries that have been removed from burglar alarm systems and replaced with new ones. These batteries are like new and have all been checked under a 2 amp load for 2 minutes.

I currently have on hand:

11 --- 12 volt 7ah gel cells \$12ea 6" x 2.5" x 3.75"
2 --- 12 volt 6ah gel cells \$10ea 6" x 2.5" x 3.75"
1 --- 12 volt 4ah gel cell \$7ea 4" x 2.5" x 3.75"
1 --- 12 volt 4ah gel cell \$7ea 6" x 2.5" x 3.75"
1 --- 12 volt 2.3ah gel cell \$6ea
1 --- 12 volt 2.5ah nicad pack \$6ea (Gates)

1 --- 6 volt 2.5ah nicad pack \$6ea (Gates)
16 --- 6 volt 500ma nicad pack \$5ea (minimum order of 2)

The 6v 500ma packs are configured in a stacked configuration pack, NOT flat. They have spade terminals on each end of the pack.

All are guaranteed to be good and up to full charge on delivery.
All prices DO NOT include shipping charges.
When responding, include your zip code and I can tell you what shipping charges will be.
Email me if interested.
Thanks and 73...

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: "Brian L. Lewis" <76500.1621@compuserve.com>
Subject: [3969] Fun stuff this QRP!
Message-ID: <960207012236_76500.1621_HHE50-1@CompuServe.COM>

Just sat down at the computer to review the days e-mail. Spun the dial on the Kenwood 850 through the 40 meter band. I heard a station tuning up and then call cq. With the Kenwood 850 dialed to 5 watts I answered and got a 559 report from EA4BL. What a kick! I have worked all sorts of DX with a KW, but this is great!

QRP has shed a new light on the hobby. My CW has improved greatly (still working toward 35wpm). I am in the midst of homebrewing a 40 meter xmtr (waiting for the xtal). I spend evenings chasing the FOX, ragchewing around 7.040 or checking out the latest beacon. This sure beats those nasty evening pileups! Sold my two HF amps and used the money for new furniture for the bedroom (Oh well, the XYL is happy)

Speaking of pileups. Myself and 4 other hams are going to Little Cayman for the ARRL SSB DX contest (QRO) the first weekend in March. I will be down there before and after the contest and plan to do a some qrping from the island. I will be getting my ZF call next week and will inform the group. I hope to set up a time on 40 meters for those looking for DXCC QRP es need ZF2.

Well, back to the rig. It is time for the FOX.

73

Brian L. Lewis
N50CD
Shreveport, La. (32.26.07n / 93.42.58w)
76500.1621@compuserve.com
06-Feb-1996 19:18:44 CST

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: WJ4PRandy@aol.com
Subject: [3930] Fwd: Code/Spelling
Message-ID: <960206003102_215204647@emout04.mail.aol.com>

Another one! Enjoy..

Forwarded message:
From: DACOLEMAN@fair1.fairfield.edu (DONALD A. COLEMAN (EXT. 2850))
To: WJ4PRandy@aol.com
From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: WJ4PRandy@aol.com
Subject: [3931] Fwd: Code/Spelling
Message-ID: <960206003056_137001145@emout04.mail.aol.com>

Guys-

This is so well done I just had to put it out on the list for you to enjoy!

Randy, WJ4P

Forwarded message:

From: NYOUNG@nova.wright.edu

To: WJ4PRandy@aol.com

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996

From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>

Subject: [3955] Gel cells

Message-ID: <01I0WKWBMLYA8Y4X4R@vyh21.vyh.fi>

This a reply that didn't go to the list when I tried earlier.

>Will somebody please enlighten me about gel cells. It seems that everyone keeps >talking about chargers that cost 10 - 15 times what used cells sell for. Why do >we need such an expensive charger? What is different about these types of >cells? What happens if I just use a constant current charger for some period of >time? Is there a cheaper way to go? etc, etc, etc.....

Gel cells are basically lead accumulators. Charging with a constant current is not really the way for this kind of battery. It is easiest and most straightforward to charge them from a voltage-limited source (13.8 V max for a 6 cell battery). You need to limit the initial charging current to a value that is allowed for your type of battery.

I use the circuit from the ARRL Handbook 1995 with the UC3906 IC. I've made a few modifications to it, so that it does both charging modes that the IC can do. It's a bit long to explain. Perhaps you should read the article in the HB.

I keep the charger and the load (rigs) on the battery all the time. If there is a load connected, the charger should be used in the mode where the voltage never goes above 13.8 V.

If the battery is not connected to a load during charging it may be charged in a dual-voltage mode where the voltage goes up at the end until the current from the charger finally drops to below 10% of the maximum charging current that is set by a resistor in the circuit. At that moment the charger switches to the float voltage (13.8 V). If a substantial load would be present in this mode, the charger will never detect a drop below 10% and keep the voltage at the high level indefinitely until the load is removed. The HB gel charger uses this dual-voltage mode.

There are also simpler ways of charging a lead battery. Sometimes a

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gl,  
73, Arjen Raateland, OH2ZAZ
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Arjen Raateland
Suomen Ympäristökeskus / YV

Finnish Environment Agency, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 0 4030 0457
fax +358 0 4030 0490

Morning,

Im asking you for some help. Thursday Night, February 8th at 7:00pm MST (this should be Feb 9, 02:00 UTC) My son Derek (KB0SJY) and I (KB0ROL) will be sending CQ, could you:

1) Please respond if you hear us. Please go slow. Derek can copy about 10-13 WPM but me, well thats another story.

2) If you hear us but can't contact us back let me know at BMUG@GWL.COM

3) If you don't hear us but hear someone else trying or getting us let me know

All in all I'd like to know Power, Antenna, RST (no comments on the code, thankyou) and anything else that may help.

Again, Feb 9, 2:00 UTC (Feb 8, 7:00 MST) at 7.130Mhz, well be sending with 2.3W at around 5wpm or less.

If interest is high, Ill put the info together and put it out to the list. Could someone do some projections on what we thing we should get?

Thank you

Brad, KB0ROL

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Ken Newman N2CQ <103464.1355@compuserve.com>
Subject: [3927] Help for this List
Message-ID: <960206042922_103464.1355_IHI157-1@CompuServe.COM>

Paul sent:

>Hello,

>I changed isp and would like to know how to get the help listing for this
>mailing list, so I can change servers....I dont want to miss anything so
>I want to do it right.....I forgot what the commands are for getting the
>help message....Thanx Paul KC7FYQ

This is what my info sheet just received when subscribing:

* COMMANDS TO THE LIST SERVER

Must be sent to listserv@Lehigh.EDU in the BODY of the mail message,
not in the Subject: of the message. Leave the Subject: blank or type
in an "X" if your system requires.

Example: HELP

If you need the full info sheet above, let me know and I would send it.

73, Ken - N2CQ

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: W3HMS@aol.com
Subject: [3973] Help andRe: Format of archive files
Message-ID: <960206215411_314755053@mail02.mail.aol.com>

Frank.....I know I would like to see a simple cookbook type blurb on doing an FTP from lehigh.edu

73, John

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: "Ted Kell" <kell@mpac.jsc.nasa.gov>
Subject: [3946] Help with Gel Cells
Message-ID: <199602061648.LAA28129@nss2.CC.Lehigh.EDU>

Will somebody please enlighten me about gel cells. It seems that everyone keeps talking about chargers that cost 10 - 15 times what used cells sell for. Why do we need such an expensive charger? What is different about these types of cells? What happens if I just use a constant current charger for some period of time? Is there a cheaper way to go? etc, etc, etc.....

Thanks for any help you can give to illuminate this dark corner.

72

Ted

Ted Kell (kell@mpac.jsc.nasa.gov)

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
Subject: [3964] HUSTLER VERT
Message-ID: <9601068236.AA823642223@smtpgw.ccgate.dl.nec.com>

Folks:

Anybody know anything about the vertical antennas offered by Hustler? I think it's their "AV" series

(i.e. AV4, AV5, and AV6) which are in the low to mid \$100 range.

I have a friend who doesn't have much \$\$ to spend, has a small property (verticals ok), and wants reasonable performance (he does mostly QRP stuff) He knows verticals are a compromise, but if these work well, he'll be happy.

Any experienced Hustler fans, or should he look further?

Thanks

72/73 de Dave KK5HA
QRP-L #25

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996
From: David Johnson <djohnson@acpub.duke.edu>
Subject: [3928] KnightLite: new pages, and oops!
Message-ID: <Pine.SOL.3.91.960205233443.571A-100000@godzilla5.acpub.duke.edu>

Gang:

All are invited to check out the new and improved KnightLite Web Pages! Yes, that's plural! Now from the bottom of the Home Page, in the Menu section, select other KnightLite Pages! Currently there is a KnightLite Events Page, where I will put news of KnightLite plans for upcoming activities (like going to the Charlotte Hamfest! Mar 9 & 10, mark your calendars now!), the KnightLite Links Page (links to other radio-related pages), and the KnightLite Round Table Page (a cumulative tabulation of check-ins to the Sunday 80m Round Table).

Y'all help with this, please! I'm looking for more links to cool radio pages, input on the format, and any input on KnightLite activities.

Currently the KnightLite Home Page is at the following URL:

<http://www.duke.edu/~djohnson/>

Check it out, enjoy, and help make it better!

One little mistake on the last posting I did on the net last Sunday: Paul, AA4XX, gets the prize for lowest-power check-in, with 50 mW !! But Gary and Danny weren't far behind at 100 mW !!

I hope to hear newcomers, as well as current Good Knights, on Sunday's Round Table (3710, 10pm).

72,

Dave

David W. Johnson	QRP ARCI 6546
Amateur Extra WA4NID. Low power enthusiast!	G-QRP 4864
email: djohnson@acpub.duke.edu	NorCal 355
packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM	TSRAC 3482

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [3952] Lost mail
Message-ID: <199602061725.MAA08035@mh004.infi.net>

Guys,

Well, I lost my mail (about 50 posts) from yesterday afternoon and evening, so If anyone sent me something important, I'm not ignoring you, I just didn't get you.

Sorry, and 73,

Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [3959] Lost mail
Message-ID: <199602061838.NAA20588@mh004.infi.net>

Guys,

Well, I lost my mail (about 50 posts) from yesterday afternoon and evening, so If anyone sent me something important, I'm not ignoring you, I just didn't get you.

Sorry, and 73,

Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [3936] New files in archives
Message-ID: <Pine.SOL.3.91.960206082245.8630K-100000@utkux4.utcc.utk.edu>

I have added the following files to the lehigh.edu archives

QRP-L/BOOKS WLDRADQRP.INDEX An index of KI6SN QRP columns in World Radio from 1993-1996, with synopses.

TENTEN-L/MEMINFO PACKET.ADR An updated list of 10-10ers on packet with over 40 new entries.

TENTEN-L/PPRCHASE SHOT.RULES An introduction to the Houston SHOT chapter, with certificate rules.

TENTEN-L/MEMINFO EMAIL.ADR An updated list of 10-10ers on email.

Files are available via ftp or e-mail GET command per instructions in the welcome messages to these lists.

-73-
LB, W4RNL

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996
From: David Teague <dwteague@mci.newscorp.com>
Subject: [3926] QRPp for Icom HF transceivers
Message-ID: <199602060406.XAA30606@kafka.delphi.com>

Well I am still pretty new to QRP operation here and have been using my ICOM 737A.

Turned the low power adjustment inside the rig down to 5 watts a few weeks ago and have been having a ball. The lowest power the Icom would go to is about 3 watts with the internal adjustment.

Called ICOM tech support today and inquired about how to go lower in output with this rig and the tech guy said "sure whats your fax number?". Well about 3 minutes later a paper labeled "QRP mod for ICOM HF transceivers" popped out of the fax machine.

ICOM sent me a simple schematic and instructions to build a circuit to cause the ALC to limit my output. Components are a 9 volt battery, a SPST switch, one resistor and one pot. Well I raided the junk box and after soldering connections taped everything together and attached the battery to the whole mess with a rubber band, attached to the ALC jack on the back of the rig and presto, power now variable down to 0 watts.

The switch makes it simple to go from QRP to QRO with the rig.

I set the power to 1 watt using my cheap meter with a 15 watt scale, (I have a wm-1 kit ordered) and made two quick QSO's on 40 meters. W8KIU in MI gave me a peaking 599 report, whew! When the wm-1 gets here hope to do some QRPP.

When I first subscribed to this list there was some discussion about using ALC to limit output so forgive me if this has been discussed recently.

Be sure and listen for the weak ones!

72/73 Dave

Dave Teague KF5IU EM31 Jena, LA QRP-L #391 dwteague@mci.newscorp.com

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996
From: Larry East <LVE1@inel.gov>
Subject: [3943] RS NPO Caps??
Message-ID: <9602061542.AA05904@garnet.inel.gov>

While browsing around our local RatShack yesterday, I noticed that they had some 5, 47, 100 and 220pF ceramic caps that were labeled NPO (two caps per package). I bought one package each of the 47 and 100 pF caps; after opening the packages at home, I noticed that there was no indication on the caps (no black dot, "NPO", "COG", etc.) that they were anything other than standard

run-of-the-mill ceramic caps. I hooked one of the 100pF RS caps to my Auteck RF Analyst and heated it (the cap, NOT the RF Analyst!) with a hair dryer; the measured capacity increased from 100 pF to 102 pF as it was heated. I then performed the same test with a known good quality 100 pF "COG" ceramic cap; I saw no change in capacity (within a resolution of 1 pF) as I heated it. So, let the buyer beware... I think Chuck (or someone) once stated "...not all NPO caps are created equal" (or some such thing). Sure seems to be the case.

72, Larry W1HUE/7

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: penc@elan.mrwo.mcgill.ca
Subject: [3939] St. Louis update
Message-ID: <9602061536.AA02001@elan.mrwo.mcgill.ca>

Hi Gang:

For those interested in the St. Louis tuner kits, my order was mailed on 29 January, and is number 215. Thus as of last week, 35 kits remained. So there aren't many left.

As a side note, if any of the listers are in Canada or near, I found a real neat supply of parts for my projects at Active Electronics. They have most of the stuff I need for projects, in small polybagged quantities at a reasonable price. I think the W. Montreal store is > 7500 ft². Now I don't have an excuse to start collecting parts for my partial Norcal 40 kit! I even found a weird polyester cap for my Heathkit electronic weather computer kit that I thought I'd have to resort to Heath for. There are several Active Electronics' located strategically in Canada.

72,

Rich WK2A

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Ken_KD1XS@prodigy.com (KEN HANKS)
Subject: [3970] SW-40
Message-ID: <013.00523272.KZBQ03A@prodigy.com>

Thank you to all who responded to my post on boosting the output of

the SW-40. I still
have'nt decided if I'll do the mod or add a 5W amp.

Has anyone built the Kanga LCK or NN1G's Green Mountain yet? Looking
to try one on 20 or 30M.

Ken KD1XS

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: W3HMS@aol.com
Subject: [3974] TED.....Re: Help with Gel Cells
Message-ID: <960206215404_314755027@emout07.mail.aol.com>

Ted.....I know that it is nice to use a fancy charger with lots of IC and
bells and whistles and \$\$\$\$\$\$ cost. Here I use a simple power supply circuit
with abt 14 volts out and a pot in series with the plus (+) lead to charge
GELCELLS at abt 150 ma for 15 hours or so. It is necessary to control the
charging current, hence the pot. I know I could charge them at 10% of the AH
rating, but I choose to be safe and substitute time for overheating, etc.

The current will also be reduced as the battery voltage increases which is
why I can leave this unattended for 15 hrs or so.

I have had great success with this and have ruined neither purse nor cells.

If you have questions, just write me here and I'll reply quickly.

73,

John

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: WW7Y@sisna.com (Steve Kubisch)
Subject: [3929] Thursday Nite Fox

Hi Foxhunters,

I get my second chance as the fox this Thursday nite Feb. 8. (USA local)

Note change in times from the original schedule.

1800-1830 MST 7.110 +
1830-2000 MST 7.040 +

I've decided to get on a little earlier after seeing the success of others lately.

Hope to work a few more than last time.

I'm at 4,200 ft. on the west foothills of the Wasatch Mountains about 15 miles north of SLC, UT for those of you who care about such things. Rig will be Norcal Sierra at about 2 watts to a sloping Delta Loop with the apex at 40 FT.

See ya Thursday nite.

Steve -WW7Y-

p.s. UTC Feb 9 0100-0300
--

Registered ICC User
check out <http://www.usefulware.com/~jfoltz>

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: WW7Y@sisna.com (Steve Kubisch)
Subject: [3954] Thursday Nite Fox

Hi Foxhunters,

I get my second chance as the fox this Thursday nite Feb. 8. (USA local)

Note change in times from the original schedule.

1800-1830 MST 7.110 +
1830-2000 MST 7.040 +

I've decided to get on a little earlier after seeing the success of others lately.

Hope to work a few more than last time.

I'm at 4,200 ft. on the west foothills of the Wasatch Mountains about 15 miles north of SLC, UT for those of you who care about such things. Rig will be Norcal Sierra at about 2 watts to a sloping Delta Loop with the apex at 40 FT.

See ya Thursday nite.

Steve -WW7Y-

p.s. UTC Feb 9 0100-0300

--

Registered ICC User

check out <http://www.usefulware.com/~jfoltz>

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996

From: Steve Thompson <kj7dn@primenet.com>

Subject: [3932] Wanted: HW-9 Wattmtr & Tuner

Message-ID: <Pine.BSD.3.91.960205233433.11597A-100000@usr4.primenet.com>

I am looking for a wattmeter and tuner which matches the HW-9. If you're willing to part with yours, pls. respond direct.

73,
Steve

```
+-----+
|
| Steve C. Thompson - KJ7DN      -----/----- E-mail  kj7dn@primenet.com |
| Manager of Info. Technology   -----/-----          steve@cpginc.com |
| Continental Promotion Group   -----/H-----
| Tempe, AZ, USA                H      Proud builder of the OHR
|                                H      WM-1 and Explorer II 40M
|                                H
| 602.731.3535                  H      QRP-L #259 - ScQRPions #1
|                                H      NWQRP #387 - NorCal #1516
|
+-----+
```

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996

From: KFGlynn@aol.com

Subject: [3975] What do you think of this 40M dipole?

Message-ID: <960206223449_215958662@mail04.mail.aol.com>

Hello everyone,

I want to put up a 40M dipole for home use as follows: 44' flat-top with (2) 11' legs. The only catches are that the legs will be supported by a 10'

metal mast on chimney mount and there is some other metal around roof
- including my Cushcraft R5 not too far away. There will be 3' of nylon
rope on each side of the flat top to the mast. The legs will come down at an
angle to the bottom of the mast. The element will parallel the mast as it
comes down towards roof.

Want to use 14 ga. insulated stranded wire for element. Was thinking about
attaching a 4' piece of PVC pipe to top of mast to get it a bit higher off
roof (should it be an 1/8th of a wavelength off roof?) Feed it at center of
flat-top portion with RG-8x to a 1:1 balun. The RG-8x would drop to roof -
then to RG-8 to rig. Minimize pulling on the wire. Don't want to have to
guy the masts if possible.

I would appreciate any feedback.

Tnx es 73 de Kevin KB2TE0

PS No fox heard in Brooklyn tonight.

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [3944] Re: Days Inn South Reservations
Message-ID: <Pine.OSF.3.91.960206104510.11226A-100000@saturn.acs.oakland.edu>

I am curious... did the Days Inn cancel the reservations of the folks
that made them over the phone? Any of you guys who did make reservation
know if you get to keep them?

=paul=

p.s. If you are looking for suggestions for next year, I'D VOTE FOR A
DIFFERENT HOTEL. There are several dozen cleaner/neater/cheaper/closer
places in Dayton.

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [3948] Re: Days Inn South Reservations
Message-ID: <199602061726.LAA06708@alice.adsnet.com>

At 10:36 PM 2/5/96 EST, you wrote:

>I tried calling the Days Inn - South direct as per the directives here, but

>was told that they had made a mistake by taking reservations that way. The
>only proper way to get a room in the QRP group reservation is to contact
>Myron Koyle. I have been unable to find the specifics on what exactly we are
>supposed to send to Myron - something about 2 SASEs. Payment too? I don't
>know. It would be nice if we could get the info posted again. Even better -
>it would be nice if next year the QRP List group would get some rooms that we
>could arrange for by E-Mail or by calling the hotel direct. It sure sounds
>easier than sending envelopes and waiting, and waiting, and finally getting
>an answer at the last minute. I don't mean to criticize Myron and all the
>work he has done to aid in the effort over the years, but maybe we could
>explore some alternatives that would make things easier for us all.
>
>Tom N9DD
>
>South Bend, IN

Looks like the procedure for securing reservations is inconsistent. I
called the sales dept. at the Days Inn South yesterday afternoon and asked
for Molly or Bonnie. I identified myself as a member of QRP-ARCI and asked
to reserve two rooms from the block being held for Myron. They took my
credit card number, gave me a confirmation number and sent me on my way.
Those that have called and been turned away might want to try again!

72/73 de Allen, K9DZE

=====
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal QRP-L #112
=====

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [3950] Re: Days Inn South Reservations
Message-ID: <199602061729.LAA06746@alice.adsnet.com>

Sorry . . . My message should have gone to the Dayton list
Please forgive :-)
72/73 de Allen, K9DZE

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Hank Kohl <k8dd@sun.tir.com>

Subject: [3967] Re: Days Inn South Reservations
Message-ID: <9602062255.AA18231@sun>

At 12:17 02/06/96 EST, you wrote:

>
>Looks like the procedure for securing reservations is inconsistent. I
>called the sales dept. at the Days Inn South yesterday afternoon and asked
>for Molly or Bonnie. I identified myself as a member of QRP-ARCI and asked
>to reserve two rooms from the block being held for Myron. They took my
>credit card number, gave me a confirmation number and sent me on my way.
>Those that have called and been turned away might want to try again!

>
>72/73 de Allen, K9DZE
>
>=====

>Allen Jones K9DZE ajones@adsnet.com
>Michigan City, Indiana EN61nq
>ARCI G-QRP NorCal QRP-L #112

>=====

>
>
>
>

I agree, this should only go to dayton-l as not everyone who is on
qrp-l goes to Dayton, or gives a rip about those of us that do, but
probably not everyone who goes to Dayton and who is on qrp-l subscribes
to dayton-l.

Now we have two rooms from the block of rooms that Myron has reserved
for QRP-ARCI taken that Myron probably does not know have been taken.
When Myron sits down to allocate the rooms that he thinks he has someone
who is on the his list may lose their room. Make that some QRP'er may
lose their room.

Although Allen didn't say it, I'm sure Allen let Myron know that Allen
got two of the rooms in the block that Myron has reserved. I certainly
would hate to (a.) lose my room (b.) be the cause of someone losing
their room.

Just talked to Buck, N8CQA, on the phone and he agrees - let's let Myron
handle the rooms for QRP-ARCI. He has done a fine job for the past
several years. No reason to expect a change.

73 Hank K8DD
Central Division Director QRP-ARCI

*/ Hank Kohl K8DD k8dd@tir.com

*/ MI-QRP QRP-ARCI G-QRP NorCal
*/ ARRL/LM QCWA/LM QCAO/LM

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Larry East <LVE1@inel.gov>
Subject: [3938] RE: Dayton Building Contest
Message-ID: <9602061527.AA05362@garnet.inel.gov>

That's all neat and wonderful, but not all of us are privileged enough to be able to run off to Dayton every spring... so what's in it for the rest of us?

72, (grumpy ol') Larry.

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [3945] RE: Dayton Building Contest
Message-ID: <199602061640.JAA23576@lynx.csn.net>

Let's have one at WIMU

>That's all neat and wonderful, but not all of us are privileged enough to be
>able to run off to Dayton every spring... so what's in it for the rest of us?

>

>72, (grumpy ol') Larry.

>

>

>

>

QBF? ZUE

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996

From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [3956] Re: Format of archive files
Message-ID: <96Feb6.125736est.57460-18524+1@hooch.CC.Lehigh.EDU>

> I just used ftp to grab some files from ftp.lehigh.edu and now I need
> to know what format they're in. They sure aren't text files and
> pkunzip will have nothing to do with them. What do I need to do?
> I'm supposed to do a program Next Tuesday to a local DX club and I
> need some source material.

Frank,

They're in unix compressed format, indicated by the ".Z" suffix. You can have the ftp server uncompress them for you by specifying the filename without the ".Z" suffix. Or get them via e-mail from the list server, or download the GNU zip/unzip utility for the PC (pub/listserv/qrp-l/tools/gzip124.zip) which is supposed to be able to uncompress them. Note if you want the ".Z" files (or ZIP/EXE/etc) specify "binary" mode, otherwise specify "ascii" mode for text files. Attached is a sample FTP session. Let me know if you need more info.

73

Jim N3VXI

```
$ftp ftp.lehigh.edu
Connected to fidoi.CC.Lehigh.EDU.
220 fidoi.cc.lehigh.edu FTP server (Version wu-2.4(2) Thu Mar 23 14:12:01 EST
1995) ready.
Name (ftp.lehigh.edu:lujce): anonymous
331 Guest login ok, send your complete e-mail address as password.
Password:
230-
230-Some files available from this server are stored in compressed format,
230-recognizable by a .Z, .z, or .gz suffix. To retrieve these files in
230-uncompressed format, simply specify the filename without the suffix.
230-
230 Guest login ok, access restrictions apply.
ftp> cd pub/listserv/qrp-l
250 CWD command successful.
ftp> get welcome.txt
200 PORT command successful.
150 Opening ASCII mode data connection for /bin/compress.
226 Transfer complete.
9186 bytes received in 0.3974 seconds (22.58 Kbytes/s)
ftp> cd tools
250 CWD command successful.
ftp> bin
200 Type set to I.
```

```
ftp> get gzip124.zip
200 PORT command successful.
150 Opening BINARY mode data connection for gzip124.zip (116919 bytes).
226 Transfer complete.
116919 bytes received in 0.501 seconds (227.9 Kbytes/s)
ftp> quit
221 Goodbye.
```

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996
From: Greg Nunn <gnunn01@mail.coin.missouri.edu>
Subject: Fox sked for Tuesday 2/6

Hi Y'all,

Business travel has taken a toll on AA0XZ as the hunter, although I did get one fox from the 7th floor of the Austin, Texas Hilton! While I may be eliminated from the prize fight as hunter, Tuesday is my big chance as the furry one. I'll have my work cut out for me, though. There have been a lot of contacts made this winter! My zero-land QTH may help me out. It seems that Texas, California and all of New England are always open from here in Columbia, Missouri.

Here is my schedule. Note that local times are on Tuesday February 6. UTC times are February 7.

CST Feb 6	UTC Feb 7	KHz
1900-2045	0100-0245	7043 +/- QRM
2045-2100	0245-0300	7113 +/- QRM

I will not be shy about QSY'ing if I get stomped on, but will let you know which direction to look for me. 7040 has been getting rather busy, so I'm going to start a bit higher. If anyone is rockbound and can't make 7043 let me know. We'll work out something.

The exchange will be RST and QRP-L number. I'll be running my Explorer II turned all the way up to 3 watts with its marvelous filter as wide as possible given QRM. The antenna is a random horizontal loop about 400' long snaking through the trees. It is up about 30' high on the NE corner, about 10' on the south side. The loop is fed with ladder line on the north side.

I'll call at about 20 wpm (wild guess, my fist is not calibrated very well :-)) and answer you at your speed. If I go too fast, please don't hesitate to ask me to QRS. On the other hand, if you blow by me I may

ask you to do the same! I'll slow my calls to around 10 wpm in the novice band.

Happy hunting!
Greg AA0XZ

Greg Nunn
1701 Halsted Ct.
Columbia, Mo 65203
gnunn01@mail.coin.missouri.edu

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: "Muenzler, Kevin" <MUENZLERK@uthscsa.edu>
Subject: [3949] RE: Help with Gel Cells
Message-ID: <01I0W3966E76002J2R@uthscsa.edu>

Ted Kell WRITES:

>Will somebody please enlighten me about gel cells. It seems that everyone keeps
>talking about chargers that cost 10 - 15 times what used cells sell for.
Why do
>we need such an expensive charger? What is different about these types of
>cells? What happens if I just use a constant current charger for some
period of
>time? Is there a cheaper way to go? etc, etc, etc.....
>Thanks for any help you can give to illuminate this dark corner.
>
>72
>
>Ted
>
>Ted Kell (kell@mpac.jsc.nasa.gov)

Well Ted,
The main difference between Gel-Cells and regular Lead-Acid type batteries is that Gel-Cells use a gelled-electrolyte (I know you probably knew that) and Lead-Acid batteries use a liquid electrolyte. This presents two problems. First the normal charging action creates hydrogen gas. In a gelled electrolyte the gas cannot escape as quickly as in a liquid. The gas builds up faster as the voltage increases to full charge. If the current is

not reduced as the voltage increases damage will eventually result. Usually in the form of warped or shorted plates. The second problem is in heat dissipation. Because the electrolyte is a gel instead of a liquid convection

currents cannot distribute the heat that is generated in the plates. The heat

must be dissipated by conduction only. This can cause heat to build up at the plates and actually boil the electrolyte and warp the plates.

If a gel-cell is allowed to completely discharge "distilled water" can build up around the plates in effect insulating them from the electrolyte and making them impossible to charge. If you have ever watched a really dead gel-cell charge, or even a car battery, the charging current will start very low and then build quickly as the "distilled water" is ionized.

Gel-cells are usually charged in what is called "overcharge mode" until they reach a certain level of charge. Then the charge voltage/rate is reduced to a maintenance level to prevent self discharge. The overcharge mode is usually at one tenth the amp-hour rating of the battery. This will continue until the voltage reaches about 2.4 volts per cell. At this time

the charging voltage is dropped to about 2.2 volts per cell to maintain the charge.

Hope this helps. For more information you can read the ARRL handbook.

Kevin, WB5RUE
muenzlerk@uthscsa.edu

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: "Ted Kell" <kell@mpac.jsc.nasa.gov>
Subject: [3962] re: Help with Gel Cells
Message-ID: <199602061934.0AA62903@nss2.CC.Lehigh.EDU>

One of the things I like about this group is that if you have a question, there are people that can answer your questions. That happened again with my question about gel cells. Now I have a bunch of information to go chew upon.

Thanks again

Ted

Ted Kell (kell@mpac.jsc.nasa.gov)

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Paul Christensen <PaulC@jax.se.continental.com>

Subject: [3951] RE: RS NPO Caps??
Message-ID: <3117B980@se.continental.com>

THANK YOU for confirming my suspicions about the RS NPO capacitors.

This weekend, while modifying the tuning range on my Norcal 40A, I needed additional capacitance to extend the VFO's frequency range. I ended up with a RS "NPO" in parallel with the NorCal's marked NPO capacitor. After operating the unit for a period of time, I noticed some drifting, whereas it was rock-solid before. Although I extended the range slightly, and therefore extended inherent VFO drift by the same margin, it's drifting much more than can be explained by the extension alone. Because of the location of this capacitor, small changes in capacitance translate to relatively wide excursions in VFO frequency.

Yesterday, I ordered real NPO capacitors from Newark Electronics. I'm quite sure these will correct the problem.

-Paul

>From: qrp-l
>To: Multiple recipients of list
>Subject: RS NPO Caps??
>Date: Tuesday, February 06, 1996 10:48AM
>
>While browsing around our local RatShack yesterday, I noticed that they had
>some 5, 47, 100 and 220pF ceramic caps that were labeled NPO (two caps per
>package). I bought one package each of the 47 and 100 pF caps; after
>opening
>the packages at home, I noticed that there was no indication on the caps
>(no
>black dot, "NPO", "COG", etc.) that they were anything other than standard
>run-of-the-mill ceramic caps. I hooked one of the 100pF RS caps to my
>Auteck RF Analyst and heated it (the cap, NOT the RF Analyst!) with a hair
>dryer; the measured capacity increased from 100 pF to 102 pF as it was
>heated. I then performed the same test with a known good quality 100 pF
>"COG" ceramic cap; I saw no change in capacity (within a resolution of 1
>pF)
>as I heated it. So, let the buyer beware... I think Chuck (or someone)
>once
>stated "...not all NPO caps are created equal" (or some such thing). Sure
>seems to be the case.
>
>72, Larry W1HUE/7

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [3958] Re: RS NPO Caps??
Message-ID: <199602061813.LAA29808@zia.aoc.nrao.edu>

Larry,
When heating the capacitor, your 2pF change over the temperature range you imposed out of the 100pF cap is obviously 2%. Not really too bad. Not quite a NPO but better than an C0G. Caps behave differently depending whether they are heated or cooled, and thus it makes it very difficult to mathematically define the characteristics of ceramics. But as a general rule,
Z5U +/-20% capacitance change over the temperature range
X7R +/-10% " "
C0G +/- 5% " "
NPO 0% (or in practice, <1%)

Most polyester and polypropylene capacitors from say DigiKey or Mouser, have temperature coefficients rivaling NPO's. They are generally in the 1-2% capacitance change over temperature (100ppm) or better, and tend to be a bit cheaper than the NPO ceramics (\$1 each in DigiKey, while the poly films are 50-60 cents). Also, the larger the working voltage, the more stable they are, since the physical size of the dielectric and anodes are larger and less effected by temperature changes.

I provide this information for the others on the list that might find all those capacitor types and characteristics confusing, not directed specifically at you. In fact, the description of your lab test, using the industry approach, was an excellent "real-world" description of just what temperature coefficients are all about. Imagine how much capacity change you would have seen with a Z5U? (Probably about 20pF).

You make the very good point come home ... buyer beware. Know what you're shopping for and what you in turn actually get.

Paul NA5N

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: Larry East <LVE1@inel.gov>
Subject: [3960] Re: RS NPO Caps??
Message-ID: <9602061859.AA09836@garnet.inel.gov>

At 11:13 AM 2/6/96 -0700, you wrote:

>Larry,
>When heating the capacitor, your 2pF change over the temperature range
>you imposed out of the 100pF cap is obviously 2%. Not really too bad.

>Not quite a NPO but better than an COG. Caps behave differently
>depending whether they are heated or cooled, and thus is makes it very
>difficult to mathematically define the characteristics of ceramics.
>But as a general rule,
>Z5U +/-20% capacitance change over the temperature range
>X7R +/-10% " "
>COG +/- 5% " "

It is my understanding that these figures are capacitance tolerances, NOT
temperature coefficients -- or maybe like you stated, maximum change over
the entire specified useful temperature range. The temp spec I recall for
COG caps is +/- 30ppm/deg.C; NPO numbers I've seen range from +/- 30ppm/deg.C
to +/- 200ppm/deg.C.

>NPO 0% (or in practice, <1%)

Not really... again, actual tolerance can be 5 to 10 percent (I've seen
both; seems like small values [a few pF] are typically +/- 10%, higher
values +/- 5%).

Ok, folks -- lets not generate a big "NPO/COG/tolerance/temp coefficient"
thread here; I just posted the original note for general information.

Have a productive day :-) -- Larry, W1HUE/7

From qrp-l@lehigh.edu Tue Feb 6 22:18:41 1996
From: "N100Q Tom R. @ MR01 06-Feb-1996 1403" <randolph@est.ENET.dec.com>
Subject: [3961] re: RS NPO Caps??
Message-ID: <9602061907.AA17553@us4rnc.pko.dec.com>

Paul NA5N wrote:

> be a bit cheaper than the NPO ceramics (\$1 each in DigiKey, while the

Paul, surely you mean \$1 per 10 count! If you're paying a buck a piece for
ceramic caps, get 'em somewhere else!

Mouser sells Xicon NPOs for \$0.15-0.20 a piece.

I got dozens of them for nothing out of a junked RCA TV set...

=====
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@est.enet.dec.com
=====

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: "j. w. thornton" <dub@iAmerica.net>
Subject: [3940] Re: Venting...
Message-ID: <199602061537.JAA10500@ns2.iAmerica.net>

At 10:50 AM 2/5/96 EST, you wrote:

>LONG LIVE CW!

>

>THE ONLY GOOD BUG IS A DEAD BUG! (Just kidding...)

>

>ANY PADDLE THAT WORKS FOR YOU IS A GOOD PADDLE!

>

>Now, can we get back to our normal discussions of rigs, mods, tweeks, and

>Foxes?? (Well, maybe only short ones about Foxes...)

>

>72, Larry, W1HUE/7

Hey group: This is the second such posting from Larry W1HUE/7 in the past couple or three weeks. The last time his subject was "Paddle Crap", with the same request to get back to our "normal" discussions.

While bugs and paddles are not limited to qrp operations, every qrp station that runs CW is going to have a keying device of some kind. Paddles, bugs, or whatever keying device you choose to use are of vital interest to a large number of us on this list, as evidenced by the number of postings this time and a couple weeks ago when paddles were a top priority.

Come on Larry, this is not a dictatorship. If you don't like it, pass it by, or post a subject you do like. A fine example of bandwidth waste is your "paddle crap" & "venting" and my reply to it. The list would have been much better off without any of the three postings.

Dub WA5YFY

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: H Smith <hbs@crl.com>
Subject: [3977] Re: Venting...
Message-ID: <Pine.SUN.3.91.960206192919.10380A-100000@crl5.crl.com>

First Larry wrote:

>LONG LIVE CW!

>

>THE ONLY GOOD BUG IS A DEAD BUG! (Just kidding...)
>
>ANY PADDLE THAT WORKS FOR YOU IS A GOOD PADDLE!
>
>Now, can we get back to our normal discussions of rigs, mods, tweeks, and
>Foxes?? (Well, maybe only short ones about Foxes...)
>
>72, Larry, W1HUE/7
>

Then Dub responded:

> Hey group: This is the second such posting from Larry W1HUE/7 in the past
> couple or three weeks. The last time his subject was "Paddle Crap", with
> the same request to get back to our "normal" discussions.
>
> ... etc ...
>

I think Larry might have been refering to those threads that seem to never die. Those threads whose original subject matter has been lost to oblivion but still just go on and on and on and.....

It would be interesting to see which thread holds the record for lasting the longest.

Now, concerning Larry, W1HUE/7, a regular contributor to this list. He simply calls it the way he sees it.

Dub, I humbly suggest that you consider your own advice:

> ... If you dont like it, pass it by,

Try it. It works.

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: N5EM@aol.com
Subject: [3968] Re: Where to end up?

Message-ID: <960206181321_314506926@emout08.mail.aol.com>

In a message dated 96-02-06 16:28:29 EST, you write:

>Greetings! My Dayton plans have dramatically changed due to
>familial obligations. As such I will only be there on Saturday.
>The question for all you Dayton regulars is, where should my
>destination be for parking the car and bus/shuttling in and out that
>day? I've never been so any info is appreciated.

>

>73 de dave, n9uxu

>

>

Dave,

They have shuttle service from parking lots near the convention. They are easy to get to , shopping malls. You can shuttle back and forth at will (free). Only problem is that during peak times you may have to wait 15 or 20 minutes for a bus (in a line). But, it only takes 30 minutes or so to make a round trip in the shuttle in the event you buy more than you can carry around all day. Nice method. I did that my first time. You can get on talk-in as you drive in and get very good directions to the several parking lots being so served.

Hope to run into you there.

72

Ed, N5EM

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996

From: Richard E Robinson <rerobins@uncc.edu>

Subject: [3934] Re: Working people on an Eico 722K VF0!

Message-ID: <199602061251.HAA22935@unccsun.uncc.edu>

I recently came across an article telling of using an old Heath VF-1 for a QRP transmitter on 160. My poor memory causes me to forget the magazine or issue. The article stated that 2 to 3 watts are possible from the VF-1, and I would imagine the same would be true of the 722. I'm looking for a 722 to match my 723 I built in 1963 as a 14 year old novice if anyone has one.

72/73

Rick Robinson kf4ar

rerobins@uncc.edu

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [3935] Re: Working people on an Eico 722K VFO!
Message-ID: <Pine.SOL.3.91.960206080019.8630F-100000@utkux4.utcc.utk.edu>

When using some of the older independent VFO units by Heath, Knight, or EICO, please check the circuit diagrams. AS I recall my old Heath VFO used with the DX-60, it followed the VFO circuit with a cathode follower circuit for low impedance output. However, it had no harmonic suppression past the VFO tuned circuit. Hence, before putting the VFO on the air today (in contrast to what we might all have done in days past), please check the harmonic output and use any needed filtration to bring the unit within current standards.

-73-
LB, W4RNL

From qrp-1@lehigh.edu Tue Feb 6 22:18:41 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [3937] re: Working people on an Eico 722K VFO!
Message-ID: <9602061507.AA13719@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: Working people on an Eico 722K VFO!

Never worked anyone on a VFO, but when I was learning the code to get my license in 1970, and in need of a code practice oscillator, I took my KnightKit RF generator (still have that thing around somewhere!), installed a closed circuit phone jack on the front panel to cathode key the output amplifier, tuned it to an unused spot in the AM broadcast band with the internal AM modulation turned on, and practiced CW to our hearts content. God only knows how many spurs and harmonics the thing put out, but with only the normal output cable near the broadcast radio for an antenna, doubt if it got out far. Suspect the open circuit output voltage could be as high as 5 to 10 volts.

73's

Brad, WB0CGH

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